

Product Datasheet

Characteristic

LV516303

circuit breaker, EasyPact CVS160B,
25kA at 415VAC, 160A, TM-D trip unit,
3P3d



Main

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|-----------------------------|--|
| Range | EasyPact |
| Range of product | EasyPact CVS100...250 |
| Product name | EasyPact CVS |
| Device short name | CVS160B |
| product or component type | Circuit breaker |
| Device application | Distribution |
| poles description | 3P |
| Protected poles description | 3D |
| Earth-leakage protection | Without |
| [In] rated current | 160 A at 40 °C |
| Network type | AC |
| Utilisation category | Category A |
| Breaking capacity | 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Trip unit rating | 160 A at 40 °C |
| Protection type | Overload protection (thermal) Short-circuit protection (magnetic) |

Complementary

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| [Uimp] rated impulse withstand voltage | 8 kV conforming to EN/IEC 60947-2 |
| Network frequency | 50/60 Hz |
| Breaking capacity code | B |
| [Ics] rated service breaking capacity | 15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability | 25000 cycles |
| Electrical durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Thermal protection adjustment range | 112...160 A |
| Long time pick-up adjustment type Ir | Adjustable |

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| Long time pick-up adjustment range | 0.7...1 x In |
| Long time delay adjustment type | Fixed |
| Instantaneous pick-up adjustment type li | Fixed |
| instantaneous pick-up adjustment range | 1250 A |
| Contact position indicator | Yes |
| mounting support | Backplate |
| mounting mode | Fixed |
| Upside connection | Front |
| downside connection | Front |
| Connections - terminals | Screw connection |
| Connection pitch | 35 mm |
| Compatibility code | CVS160 |
| Width | 105 mm |
| Depth | 86 mm |
| Height | 161 mm |
| net weight | 1.5 kg |

Environment

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|---------------------------------------|-----------------------------|
| Standards | IEC 60947-2 EN 60947-2 |
| Product certifications | GOST IEC |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to IEC 60664-1 |
| IP degree of protection | IP40 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 11.000 cm |
| Package 1 Width | 14.000 cm |
| Package 1 Length | 19.000 cm |
| Package 1 Weight | 1.722 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 10.752 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |
| Environmental Disclosure | ENVPEP1603001EN |
| Circularity Profile | ENVEOLI1603001EN |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |